IN THE SPECIFICATION

Please amend the paragraph beginning at page 7, line 4 as follows:

-       The communications channel 104a-b is shown in a highly simplified form. In practice, the channel passes ~~though~~ through many intermediate switches, firewalls, gateways, routers. At the physical layer, the channel can include, wire, wireless, RF, infra-red, micro-wave wireless and satellite links, co-axial and optical cables, each having their own bandwidth characteristic. The network can include the world-wide telephone system, the Internet, the World-Wide-Web, broadband, baseband, broadcast, satellite, and multicast networks. –

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Please amend the paragraph beginning at Page 7, line 13as follows:

- In one embodiment, a multi-hop version of the system 100 can include one or more relays 103, described in greater detail below. -

Please amend the paragraph beginning at page 9, line 1 as follows:

--This divides the time axis 301 into three time intervals 321-323. Time interval 321 corresponds to packets sent and acknowledged by the receiver 102, interval 322 corresponds to packets sent but not acknowledged, and interval 323 corresponds to unsent packets. At a current time 303, the vertical difference 306 between the cumulative sending curve 311 and the shifted cumulative feedback curve 313 models queue occupancy. The queue occupancy reflects the amount of space in the queue which is used, e.g., an occupancy of zero could mean the queue is empty and an occupancy of one means the queue is full. For a particular packet,

the horizontal difference 305 between the two curves 311-313 models the time spent in the queue, i.e., the service time. -